

**DEACTIVATED ELECTRO-OPTIC MATERIAL  
AND METHOD OF FORMING THE SAME**

Abstract of the Disclosure

5 An electro-optically deactivated transmissive material comprises a plurality of chemicals which are sufficient, in combination, to enable formation of an electro-optic material having an index of refraction that is responsive to an electric field. The chemicals are combined with a classifier so as to form a transmissive material that is less responsive to the electric field than said electro-optic material. The deactivated  
10 material has substantially the same refractive index as the electro-optic material in the absence of an electric field. In a preferred embodiment, the deactivated material is arranged with active material to form an optical switch.

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